GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Revenue (Disaster Management) Department - Drought Intervention - Formation of State Drought monitoring cell with interdepartmental staff in State Emergency Operation Centre (SEOC) – Revised - Orders issued.

REVENUE [DM.II] DEPARTMENT

G.O.MS.No. 3 **Dated: 15-03-2018.**

Read the following:

1. National Disaster Management Authority Guidelines for drought-2010.
2. Crisis Management Plan Drought (National) May 2016, Ministry of Agriculture and Farmers Welfare
3. Revised Manual for drought management, December 2016, received through Lr.No.9/1/2014 – DM-I (Pt) Dt.28.12.2016 from Director (DM), Ministry of Agriculture, Cooperation and Farmers welfare, GoI, New Delhi.
4. G.O.MS. No. 3, Revenue (DM.II) Dept., Dated: 03-04-2017.

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ORDER:

In the reference 4th read above, Government have directed the Agriculture , Horticulture, Rural Water Supply and Sanitation, Animal Husbandry, Urban Water supply/Public health & ME, Revenue Department, Andhra Pradesh Space Application Centre (APSAC), Andhra Pradesh State Development Planning Society (APSDPS) Departments to nominated one Nodal officer from their Departments to Drought Monitoring Cell, initially for a period of 3 months from 1.04.2017 to 30.06.2017 as part of the Drought Monitoring Cell. The period of the operation of the above Drought monitoring Cell (DMC) was expired on 30.06.2017. Government have observed that Drought and Heat waves are annual phenomena in the State.

2. The Government have examined the matter in detail and accordingly direct the constitution of a Drought Monitoring Cell (DMC) to monitor the Drought situation & Heat wave conditions in the State that may occur from time to time.

3. It is further ordered to nominate one Nodal Officer from the following Departments to work in Drought Monitoring Cell:

(i) Agriculture Department
(ii) Horticulture
(iii) Rural Water Supply and Sanitation
(iv) Animal Husbandry
(v) Urban Water supply/Public health & ME
(vi) Revenue Department
(vii) Andhra Pradesh Space Application Centre (APSAC)
(viii) Andhra Pradesh State Development Planning Society (APSDPS)

4. **Operational responsibilities of Drought and Heat wave monitoring cell:**

- Monitor drought situation in the State and weather forecasts from IMD, Sky met weather, Earth networks, IITM, ISRO heat wave watch product, APSDPS and Varuna App
- Analyse situation and issue subsequent directions to response departments utilising a web based drought monitoring Management Information System (MIS) with the technical support from Information Technology Department.
- Collect, compile and analyse daily situation report from control rooms of line departments and district administration
- Leads the development of a control strategy to manage the event and to mitigate consequences, involving all relevant agencies
- Monitor data on water levels in reservoirs/tanks, ground water etc. and issue daily and weekly bulletins
- Collecting the information on crop sown areas, rainfall and crop yield data and analysing in connection with extreme weather situation
- Prepare weekly status of weather and crop condition on the following indicators: Rain fall deviations at Tehsil/Mandal level;

- Number and length of the dry spell at Tehsil/Mandal level;
- Progression of crop area sown at district/taluka level;
- Satellite derived indicators such as Normalized Difference Vegetation Index (NDVI), Normalized Difference Water Index (NDWI) and interpreted maps/images provided by NRSC and ISRO;
- Soil Moisture (computed on the basis of either water balance approach or geospatial indicators)
- Ground water availability map;

- Monitor SDRF allotment and expenditure in line departments.

- Monitor the progress in drought intervention schemes like, water supply, fodder distribution, cattle camps, farmer's assistance, supplementary nutrition programmes, irrigation management etc.

5. The Nodal Officers from the respective departments aforementioned should report to the Drought Monitoring Cell in the State Emergency Operation Centre, Andhra Pradesh State Disaster Management Authority.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

DR.MANMOHAN SINGH
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
The Special Commissioner, Agriculture, A.P. Guntur.
The Commissioner of Horticulture, A.P, Guntur.
The Engineer –In-Chief, Rural Water Supply and Sanitation, A.P.
The Director of Animal Husbandry , A.P, Vijayawada.
The Engineer –In-Chief, Public Health, A.P, Guntur.
The Chief Commissioner of land administration, A.P, Vijayawada.
The Andhra Pradesh Space Application Centre (APSAC), A.P, Vijayawada.
The Chief Executive Officer, Andhra Pradesh State Development Planning Society (APSDPS), A.P, Vijayawada.

Copy to:

The Ps to Chief Secretary Government
The PS to Spl. CS to Govt. Revenue (Land, Endowment & DM) Dept.
The P.S to Spl. Commissioner, DM & Ex-Officio Joint Secretary to Govt.

//FORWARDED:: BY ORDER//

SECTION OFFICER